

Title (en)
ENDOSCOPE APPARATUS

Title (de)
ENDOSKOPVORRICHTUNG

Title (fr)
DISPOSITIF ENDOSCOPE

Publication
EP 2471436 B1 20171025 (EN)

Application
EP 10811616 A 20100708

Priority
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• JP 2010061589 W 20100708

Abstract (en)
[origin: US2011275892A1] An endoscope apparatus includes an insertion portion to be inserted into a subject, a bendable bending portion provided in a distal end side of the insertion portion, a bending driving section that drives the bending of the bending portion, and a bending driving control section that controls the bending driving section based on an inputted control signal to cause a distal end of the bending portion to make a turning motion with respect to a proximal end thereof.

IPC 8 full level
A61B 1/00 (2006.01); **A61B 1/005** (2006.01)

CPC (source: EP US)
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A61B 1/009 (2022.02 - EP US)

Citation (examination)
US 5159446 A 19921027 - HIBINO HIROKI [JP], et al

Designated contracting state (EPC)
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DOCDB simple family (publication)
US 2011275892 A1 20111110; **US 8444553 B2 20130521**; CN 102469917 A 20120523; CN 102469917 B 20141224;
EP 2471436 A1 20120704; EP 2471436 A4 20130717; EP 2471436 B1 20171025; JP 4896264 B2 20120314; JP WO2011024565 A1 20130124;
WO 2011024565 A1 20110303

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US 98396511 A 20110104; CN 201080036113 A 20100708; EP 10811616 A 20100708; JP 2010061589 W 20100708;
JP 2010550942 A 20100708